

**What the invention claimed is:**

1. A loose-leaf type storage device comprising  
a plurality of storage cases, said storage cases each  
comprising a plurality of barrels axially aligned in a line at one  
5 side;

a pivot shaft inserted through the barrels of said storage  
cases for enabling said storage cases to be respectively turned  
about said pivot shaft, said pivot shaft having a hollow head  
disposed at a first end thereof and stopped at one end of said  
10 aligned barrels and an end cap fastened to a second end thereof and  
stopped at an opposite end of said aligned barrels; and

a loose-leaf positioning structure provided between said  
pivot shaft and said storage cases for enabling said storage cases to  
be turned about said pivot shaft and selectively positioned in one of  
15 a series of angles, said loose-leaf positioning structure comprising  
a plurality of spring leaves respectively formed integral with said  
pivot shaft and longitudinally aligned in a line, said spring leaves  
each having a free end provided with a raised engagement portion,  
and a plurality of locating groove respectively formed inside said  
20 barrels for engagement with the raised engagement portions of said  
spring leaves.

2. The loose-leaf type storage device as claimed in claim 1,  
wherein said storage cases each comprise a case and a tray adapted

to accommodate the case.

3. The loose-leaf type storage device as claimed in claim 2,  
wherein said storage cases each further comprise a tray positioning  
structure adapted to lock the cases of said storage cases to the  
5 corresponding trays, said tray positioning structure comprising a  
plurality of springy hooks respectively formed integral with the  
peripheral wall of the tray of each of said storage cases, and a  
plurality of retaining grooves respectively disposed at the  
peripheral wall of the case of each of said storage cases and  
10 adapted to receive said springy hooks.

4. The loose-leaf type storage device as claimed in claim 2,  
wherein said trays of said storage cases each comprise a plurality  
of projecting strips aligned at one side, and said barrels are  
respectively formed integral with said projecting strips of said  
15 trays.

5. The loose-leaf type storage device as claimed in claim 1,  
further comprising a handle connected to a middle part of said  
pivot shaft for carrying.

6. The loose-leaf type storage device as claimed in claim 5,  
20 wherein said handle comprises two barrels disposed at two ends  
thereof and respectively coupled to said pivot shaft.

7. The loose-leaf type storage device as claimed in claim 1,  
wherein said end cap comprises semispherical head, a plug portion

inserted into the second end of said pivot shaft, and an angled locating slot formed in said plug portion; said pivot shaft has a projecting block disposed inside said second end and inserted into said angled locating slot and adapted to lock said end cap to said  
5 pivot shaft upon a rotary motion of said end cap relative to said pivot shaft.

8. The loose-leaf type storage device as claimed in claim 1, wherein a rotary anchoring structure, said rotary anchoring structure comprising a cylindrical block inserted into said hollow  
10 head of said pivot shaft, said cylindrical block having a peripheral stop flange stopped outside said hollow head of said pivot shaft, a non-circular plug hole axially disposed at the center, and a springy pawl projecting from the periphery thereof outside said hollow head of said pivot shaft, a ratchet cap capped on said cylindrical  
15 block, said ratchet cap comprises a ratchet meshed with said springy pawl, and a center through hole axially disposed at the center and aimed at said crossed plug hole through which stand means is inserted and plugged into said non-circular plug hole to support the loose-leaf type storage device on a flat surface in  
20 vertical.

9. The loose-leaf type storage device as claimed in claim 8, wherein said rotary anchoring structure further comprises a plurality of female screws formed inside said hollow head of said

pivot shaft, an outward peripheral flange formed integral with the periphery of said ratchet cap, and a plurality of screw holes disposed at said outward peripheral flange and respectively connected to said female screws inside said hollow head of said  
5 pivot shaft by screws.

10. The loose-leaf storage device as claimed in claim 1, further comprising a hanging structure, said hanging structure comprising a plurality of hanging holes formed in said storage cases for hanging.

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